



# Bee Safe Bulletin

August 2000



## Calendar of Events

### September 14

Cleveland Federal  
Safety Council  
Topic is "Influenza"

### September 15

OSHA Stock  
Holders Meeting at  
GRC

### September 18 - 19

Safety Handouts at  
Main Café 10 a.m. –  
1 p.m.

### September 18 – 22

GRC Safety Week

## Upcoming Training

### August 23

Lockout/Tagout  
(a.m.)

Confined Space  
(p.m.)

### September 13

Adult CPR

### September 13 & 14

Mobile Crane  
Safety

**REMEMBER**  
**Mission Success**  
**Starts with Safety**

## Mishap Prevention

The potential for employee exposure to accidents and injuries exist in most work environments including the Glenn Research Center (GRC). In recognition of this, GRC's management has instituted a system for preventing and reporting accidents, mishaps, and close calls that are experienced by its employees during official duty. As part of GRC's efforts to reduce or prevent injury to its employees, the Glenn Safety Office (GSO) has implemented a series of initiatives to identify, reduce or eliminate potential hazards, and to enhance employee awareness of the identified hazards. You have learned about many of these techniques in previous editions of the "Bee Safe Bulletin". Today we will discuss mishaps and close calls, and GRC's system for reporting them should they inadvertently occur.

The GRC policy requires that employees should promptly report any mishap that occurs, including fire, explosion, equipment or test failure; plant, vehicle, or aircraft accident; environmental or other incident; and close calls. When a mishap is reported, procedures specified in Chapter 21 of the Glenn Safety Manual (GSM) (<http://osat.grc.nasa.gov/GSM/GSM-21.htm>) are followed for responding to the emergency, securing the mishap area, and initiating a reporting sequence to the Center and NASA Headquarters personnel as required depending on the type of mishap.

The purpose for the reporting system is to ensure that the causes of the mishap are documented, and procedures or policy are instituted to reduce or prevent recurrence. In addition, prompt reporting of the mishap serves to preserve employee rights to workers compensation and other coverage.

NASA defines a mishap as any event involving injury or death to persons, damage to or loss of property, equipment or mission failure. GRC also closely monitors near-mishaps or close calls. A Close Call is an occurrence in which there is no injury, no equipment/property damage equal to or greater than \$1,000, and no significant interruption of productive work, but which possesses a high potential for a Mishap, Mission Failure, or Incident (See the GSM for a detailed description of each).

When an accident or injury occurs, the first priority is to get help. This should be accomplished immediately, even before initial rescue actions are attempted. Employees must call 911 from the nearest NASA phone, if necessary, wait for properly trained and equipped rescue personnel. When a mishap occurs creating an emergency situation, the person or persons observing the event should call 911 or the Security Dispatcher at (216) 433-2088. Emergencies include:

- Mishaps that cause major injuries to one or more persons, or major property damage.
- Mishaps that result in a condition that is immediately dangerous to life or health.
- Any unplanned or uncontrolled hazardous material spills.
- Any unplanned fire or explosion.
- Mishaps that require prompt emergency response.

Once help is secured, employees should prevent further injury or damage, secure the mishap scene, safeguard mishap evidence, report the mishap to the Chief, GSO, immediately; and complete a NF1627A and submit to the Chief, GSO, within 24 hours. In all cases, coordinate your efforts with your supervisor. **REMEMBER - Safety First, Injuries Last!!**

### **FLASH - September 18 – 22, GRC Safety Week Activities - FLASH**

As part of the Glenn Safety Initiative, the GSO will conduct the following series of safety awareness seminars:

- The Highway Patrol will discuss the growing occurrences of "Road Rage" during a presentation in the DEB Auditorium on September 18, 2000.
- On September 20, 2000, the Federal Protective Services will present "Workplace Violence". That meeting will be held in the Ad Building Auditorium, 1:30 – 3:30 p.m.
- Ms. Lynn Hammond of the Witness Victim's Center will lecture on "Domestic Violence Stalking", on September 21, 2000, at the DEB Auditorium 9 – 10 a.m. Also, the FBI will discuss "Weapons of Mass Destruction" – a presentation on domestic and environmental terrorism, 1:30 – 3:30 p.m.

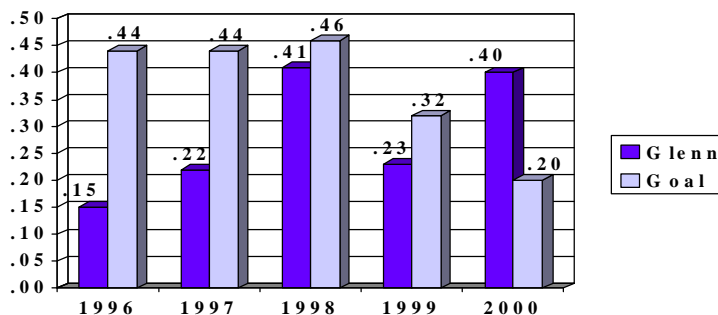
**Please plan to attend each of these informative events.**

**July - Civil Service Injury/Illness - Fiscal Year 2000/Fourth Quarter  
LOST-TIME INJURY/ILLNESS**

ORG. CODE	DIRECTORATE	TOTAL INCIDENTS	TOTAL DAYS LOST
7000	Engineering and Technical Services Directorate	5	76
0500	Office of Safety and Assurance Technologies	1	47
0180	Office of Equal Opportunity	1	1 (Continuing)

## Lost Time Rate

Lost Time Rate (LTR)



LTR = # of Lost Time Incidents x 200,000 / # of Hours Worked

## LOST TIME INCIDENTS

DIRECTORATE	TOTAL DAYS LOST	DESCRIPTION
7000 Engineering and Technical Services Directorate	56	Employee injured when struck on the head by spreader bar from overhead crane. Employee was rushed to hospital. Contusion to the head and right shoulder.
	1	Employee stepped with left foot into the gap between floor of test cell and the thrust stand. Hospital x-rays found normal, external bruise.
	3	Employee was stepping onto a loading dock and lost footing. Slipped off and jammed left thigh against concrete.
	11	Employee was moving a self propelled lift and left hand was crushed between the left panel and an electric panel. Crush injury to the wrist.
	5	Employee was moving concrete stairs and stairs tipped, striking left foot. Severe bone contusion with muscle and ligament tears and possible stress fracture.
0500 Office of Safety and Assurance Technologies	47	Employee was checking the emergency light located in the stairwell on the first floor. He walked down the steps, slipped on the bottom step. The toe of the left foot hit the floor and twisted the ankle. The x-rays showed that the fifth metatarsal of the left foot is broken.
0180 Office of Equal Opportunity	1 (Continuing)	Employee had slipped on the stairs and was rushed to the hospital. Broke ankle in three different locations and dislocated the other parts of ankle.